Data for EBSP

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There are some data for the paper of "Routing and Scheduling of Electric Buses for Resilient Restoration of Distribution System"

1. Transfer time and duration of trips

Table 1: Transfer time and duration of each trip

ΔT	o1	c1	c2	c3	b1	b2	e1	e2
о1	0	1	1	1	2	1	M	M
c1	1	0	1	2	2	1	M	M
c2	1	1	0	1	1	2	M	M
c3	1	2	1	0	2	1	M	M
b1	M	Μ	Μ	M	0	M	6	M
b2	M	Μ	Μ	M	M	0	M	8
e1	1	2	1	2	1	1	0	M
e2	1	1	2	1	1	1	M	0

where o1 represents the depot 1; c1 represents the charging station at node 9; c2 represents the charging station at node 18; c2 represents the charging station at node 29; b1/b2 represents the start point of route 1/2; e1/e2 represents the end point of route 1/2.

2. Load value of each node

The load value of each node is listed in Table 2.

Table 2: Transfer time and duration of each trip

Node	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Value(\$/kWh)	9	2	2	8	7	5	3	2	2	4	10	3	5	6	9	9	2
Node	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	/
Value(\$/kWh)	8	3	4	7	8	2	5	5	2	8	4	6	6	6	9	7	/